SEQUENCE LISTING

<110> OKOCHI et al.

<120> NOVEL Notch-ORIGIN POLYPEPTIDES AND BIOMARKERS AND REAGENTS USING THE SAME

<130> 10873.1604USWO

<140> US 10/521,691
<141> 2003-07-17

<150> JP 2002-210040
<151> 2002-07-18

<160> 57

<170> PatentIn version 3.5

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Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
1 5 10 15

Met Tyr Val Ala Ala
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1 5 10 15

Met

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1 5 10 15

Met Tyr

<210> 4
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1 5 10 15

Met Tyr Val Ala
20

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1 5 10 15

Met Tyr Val Ala Ala Ala
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Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
1 5 10 15

Met Tyr Val Ala Ala Ala Ala
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1 5 10 15

Met Tyr Val Ala Ala Ala Ala Phe
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Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
1 5 10 15

Met Tyr Val Ala Ala Ala Ala Phe Val
20 25

<210> 9
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Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
1 5 10 15

Met Tyr Val Ala Ala Ala Ala Phe Val Leu
20 25

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Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met

<210> 11
<211> 18
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<400> 11

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met Tyr

<210> 12
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<400> 12

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe

1 5 10 15

Met Tyr Val Ala
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Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met Tyr Val Ala Ala
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<210> 14
<211> 22
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<400> 14

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met Tyr Val Ala Ala Ala
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1 5 10 15

Met Tyr Val Ala Ala Ala Ala
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<400> 16

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met Tyr Val Ala Ala Ala Ala Phe

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<400> 17

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met Tyr Val Ala Ala Ala Ala Phe Val
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Met Tyr Val Ala Ala Ala Ala Phe Val Leu
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<400> 23

Met Pro Arg Leu Leu Thr Pro Leu Leu Cys Leu Thr Leu Leu Pro Ala
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Arg Ala Ala Arg Gly Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met
20 25 30

Val Met Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His
35 40 45

Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe Val Gly
50 55 60

Cys Gly Val Leu Leu Ser
65 70

<210> 24
<211> 31
<212> PRT
<213> mouse

<400> 24

Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val
1 5 10 15

Leu Leu Phe Phe Val Gly Cys Gly Val Leu Leu Ser Arg Lys Arg
20 25 30

<210> 25
<211> 31

<212> PRT
<213> human

<400> 25

Gly Ser Asn Lys Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val
1 5 10 15

Ile Ala Thr Val Ile Val Ile Thr Leu Val Met Leu Lys Lys Lys
20 25 30

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<212> PRT
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<400> 26

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe Val Leu Leu Phe Phe Val Gly Cys Gly
35 40 45

<210> 27
<211> 38
<212> PRT
<213> Artificial

<220>
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<400> 27

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe Val Leu
35

<210> 28
<211> 37
<212> PRT
<213> Artificial

<220>
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<400> 28

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe Val
35

<210> 29
<211> 36
<212> PRT
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<400> 29

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe
35

<210> 30
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<213> Artificial

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<400> 30

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala
35

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<400> 31

Arg Gly Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys
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Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr
20 25 30

Val Ala Ala
35

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<400> 32

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala

<210> 33
<211> 31
<212> PRT
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<400> 33

Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu Pro Val
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Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala Ala
20 25 30

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<400> 34

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1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

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<400> 35

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr
20 25 30

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Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met
20 25

<210> 37
<211> 23
<212> PRT
<213> mouse

<400> 37

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu
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<210> 38
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<212> PRT
<213> human

<400> 38

Leu His Phe Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu
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<210> 39
<211> 23
<212> PRT
<213> mouse

<400> 39

Leu Leu Tyr Leu Leu Ala Val Ala Val Val Ile Ile Leu Phe Phe Ile
1 5 10 15

Leu Leu Gly Val Ile Met Ala
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<210> 40
<211> 23
<212> PRT
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<400> 40

Leu Leu Tyr Leu Leu Ala Val Ala Val Val Ile Ile Leu Phe Ile Ile
1 5 10 15

Leu Leu Gly Val Ile Met Ala
20

<210> 41
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<212> PRT
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<400> 41

Leu Leu Pro Leu Leu Val Ala Gly Ala Val Phe Leu Leu Ile Ile Phe
1 5 10 15

Ile Leu Gly Val Met Val Ala
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<210> 42
<211> 23
<212> PRT
<213> human

<400> 42

Leu Leu Pro Leu Leu Val Ala Gly Ala Val Leu Leu Leu Val Ile Leu
1 5 10 15

Val Leu Gly Val Met Val Ala
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<210> 43
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<213> mouse

<400> 43

Ile Leu Cys Ser Pro Val Val Gly Val Leu Leu Leu Ala Leu Gly Ala
1 5 10 15

Leu Leu Val Leu Gln Leu Ile
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<210> 44
<211> 23
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<400> 44

Val Leu Cys Ser Pro Val Ala Gly Val Ile Leu Leu Ala Leu Gly Ala
1 5 10 15

Leu Leu Val Leu Gln Leu Ile
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<210> 45
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<212> PRT
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<400> 45

Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val
1 5 10 15

Ile Val Ile Thr Leu Val Met Leu
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<400> 46

Leu His Leu Met Tyr Val Ala Ala
1 5

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<212> PRT
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<400> 47

Leu His Leu Met Tyr Val Ala Ala Ala Ala
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<400> 48

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe
1 5 10

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<400> 49

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val
1 5 10

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<400> 50

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser Arg Lys Arg Arg
20 25

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<400> 51

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
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<210> 52
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<400> 52

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
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<210> 53
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<400> 53

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Gly Leu Leu Ser
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<400> 54

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Leu Leu Leu Ser
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<210> 55
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<220>
<223> Partial amino acid sequence of F-NEXT.

<400> 55

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
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<210> 56
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<400> 56

Leu His Leu Met Tyr Val Gly Gly Gly Gly Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
20

<210> 57
<211> 24
<212> PRT
<213> Artificial

<220>

<223> Partial amino acid sequence of F-NEXT(mutant).

<400> 57

Leu His Leu Met Tyr Val Leu Leu Leu Leu Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
20